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Patent PD-201014 Customer No. 020991

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ernest C. Chen

Serial No.: 10/532,619 371(c) Date: April 25, 2005

For: MAXIMIZING POWER AND

SPECTRAL EFFICIENCIES FOR LAYERED AND CONVENTIONAL

**MODULATIONS** 

Mail Stop Amendment, Commissioner for Patents, P. O. Box 1450, Alexandria, VA

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class

22313/1450, on the date below.

mail in an envelope addressed to:

Georgann S. Grunebach

Typed or printed name of person signing certificate

Group Art Unit: 2637

Examiner: PATEL, Jayanti K.

Date: March 10, 2006

## **INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

The references cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. It is respectfully requested that the references be considered and made of record in the application identified above.

This statement should be considered because it is being submitted before the mailing of a first Office action on the merits under 37 C.F.R. §1.97(b)(3). Accordingly, it is submitted that no fee is due in this matter.

However, if it is determined that any appropriate fee is due, the Commissioner is hereby authorized to charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California.

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Serial No.	10/532,619	Pi	age	2
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Respectfully submitted,

By:

Georgann S. Grunebach, Reg. No. 33,179

The DIRECTV Group, Inc. RE/R11/A109 P. O. Box 956 El Segundo, CA 90245

Telephone No. (310) 964-4615

March 10, 2006

Substitute for form PTO/SB/08A		nplete if Known
INFORMATION DISCLOSURE 40	Application Number	10/532,619
STATEMENT BY APPLICANT &	371(c) Filing Date	April 25, 2005
MAR 1 3 2006 E	First Named Inventor	Ernest C. Chen
( MAK , E)	Art Unit	2637
Date: March 10, 2006	Examiner Name	PATEL, Jayanti K.
Sheet 1 of 3		
Oneer 1 01 3	Attorney Docket Number	PD-201014

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Examiner Signature	Date Considered	
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Con	nplete if Known
	Application Number	10/532,619
	371(c) Filing Date	April 25, 2005
	First Named Inventor	Ernest C. Chen
	Art Unit	2637
	Examiner Name	PATEL, Jayanti K.
Date: March 10, 2006		
Sheet 2 of 3	Attorney Docket Number	PD-201014

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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	371(c) Filing Date	April 25, 2005
	First Named Inventor	Ernest C. Chen
	Art Unit	2637
	Examiner Name	PATEL, Jayanti K.
Date: March 10, 2006		
Sheet 3 of 3	Attorney Docket Number	PD-201014

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Substitute for form PTO/SB/08B	MAR 1 3 2006	Com	plete if Known
INFORMATION DISCLOSE	NOSE AND	Application Number	10/532,619
INFORMATION DISCLOSUSTATEMENT BY APPLICA	NT TRADENA	Filing Date	April 25, 2005
OTATEMENT BY ALLEGA		First Named Inventor	Ernest C. Chen
	OF	Art Unit	2637
		Examiner Name	PATEL, Jayanti K.
Date: March 10, 2006			
Sheet 1 of 1		Attorney Docket Number	PD-201014

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volumne-issue number(s), publisher, city and/or country where published.	Т
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